

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 B65D81/32 B65D35/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/006320 A (PROCTER & GAMBLE) 23 January 2003 (2003-01-23)	1,2,4-9
Y	page 1, line 19 - line 29	5
	page 2, line 12 - line 19	
A	page 3, line 1 - line 13	3
	page 6, line 7 -page 7, line 21; figures 1,2	
	---	
Y	WO 97/46463 A (COLGATE-PALMOLIVE) 11 December 1997 (1997-12-11)	5
A	page 1, line 28 - line 29; figures	1-3,6
A	US 6 283 316 B1 (SHERMAN) 4 September 2001 (2001-09-04) column 2, line 1 - line 7	1
	column 3, line 18 - line 25; figures	
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	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*P\* document published prior to the International filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

22 April 2004

Date of mailing of the International search report

07/05/2004

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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/000403

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 941 420 A (CONNAN) 24 August 1999 (1999-08-24) column 3, line 56 -column 4, line 54; figures 2-4 ----- US 5 921 440 A (MAINES) 13 July 1999 (1999-07-13) column 3, line 14 - line 38; figures 15,16 -----	1,2
A		3

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2004/000403

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 03006320	A 23-01-2003	CA 2449214 A1 EP 1406816 A1 WO 03006320 A1 US 2003106905 A1		23-01-2003 14-04-2004 23-01-2003 12-06-2003
WO 9746463	A 11-12-1997	AT 205154 T AT 208327 T AU 718698 B2 AU 3074797 A AU 722898 B2 AU 3566997 A BR 9709289 A BR 9709290 A CA 2254337 A1 CA 2254338 A1 CN 1221384 A ,B CN 1221385 A ,B CZ 9803991 A3 DE 69706544 D1 DE 69706544 T2 DE 69708117 D1 DE 69708117 T2 DK 909247 T3 DK 918698 T3 EP 0909247 A1 EP 0918698 A1 ES 2167757 T3 HU 0003316 A2 HU 0003736 A2 PL 330312 A1 PL 330360 A1 PT 918698 T TR 9802521 T2 TR 9802527 T2 WO 9746462 A1 WO 9746463 A1 US 5954234 A ZA 9704980 A ZA 9704983 A		15-09-2001 15-11-2001 20-04-2000 05-01-1998 17-08-2000 05-01-1998 10-08-1999 10-08-1999 11-12-1997 11-12-1997 30-06-1999 30-06-1999 17-05-2000 11-10-2001 02-05-2002 13-12-2001 04-07-2002 07-01-2002 25-02-2002 21-04-1999 02-06-1999 16-05-2002 28-02-2001 28-03-2001 10-05-1999 10-05-1999 29-04-2002 21-04-1999 22-03-1999 11-12-1997 11-12-1997 21-09-1999 07-12-1998 07-12-1998
US 6283316	B1 04-09-2001	AU 4480599 A CA 2329536 A1 EP 1076629 A1 JP 2002512928 T WO 9955598 A1		16-11-1999 04-11-1999 21-02-2001 08-05-2002 04-11-1999
US 5941420	A 24-08-1999	AT 215479 T AU 734575 B2 AU 8769998 A BR 9811831 A CA 2299716 A1 CN 1362354 A CN 1266407 T DE 69804627 D1 DE 69804627 T2 DK 1001903 T3 EP 1001903 A1 WO 9907611 A1		15-04-2002 14-06-2001 01-03-1999 15-08-2000 18-02-1999 07-08-2002 13-09-2000 08-05-2002 07-11-2002 29-07-2002 24-05-2000 18-02-1999

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2004/000403

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5941420	A	ZA 9807039 A	07-02-2000
US 5921440	A	13-07-1999 NONE	